

ABSTRACT

5       A flow control valve includes a main body 1, bonnet  
2, spring receiving portion 3, piston 4, spring 24, first  
diaphragm 27, first valve member 5, second valve member 6  
and base plate 7, wherein an opening area of a hydraulic  
control portion composed of a valve element of the second  
valve member and a valve seat of the main body is changed  
according to a motion of the piston.